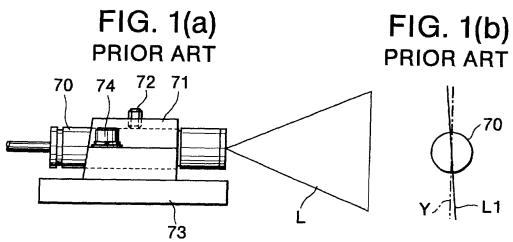
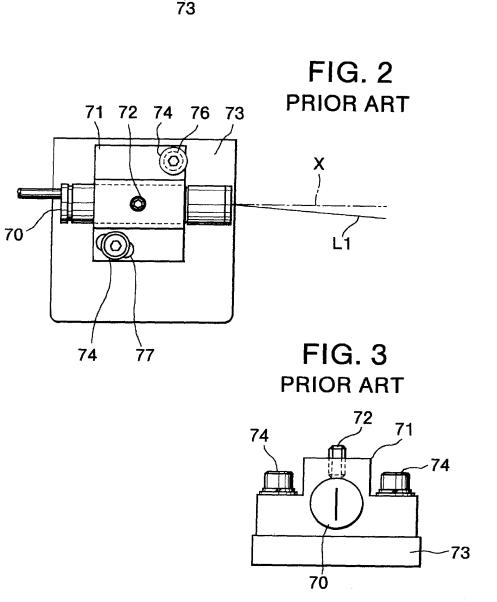
Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al. CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 1 of 23





Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al. CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 2 of 23

FIG. 4

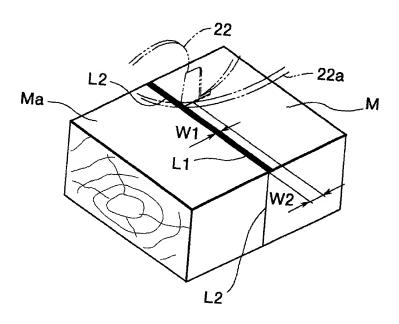
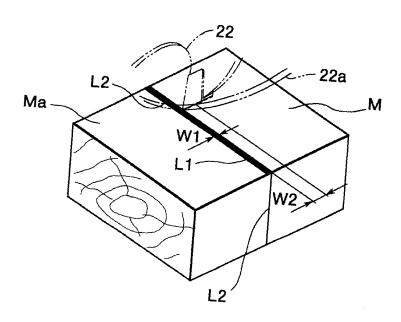


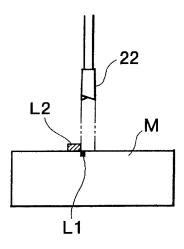
FIG. 5



Q65849 Shigeharu USHIWATA, et al. Filed: August 16, 2001 CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 3 of 23

FIG. 6(a)

FIG. 6(b)



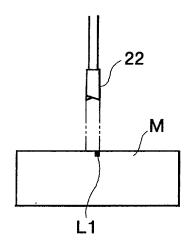
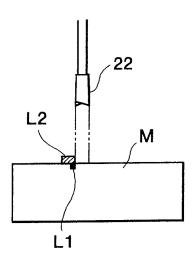
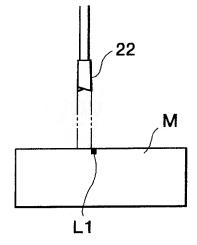


FIG. 7(a)

FIG. 7(b)





Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al. CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 4 of 23

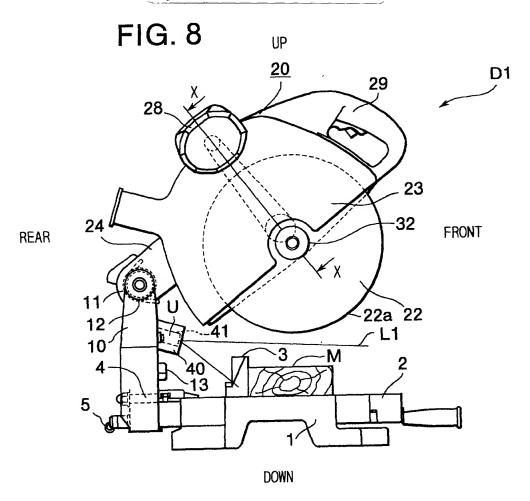
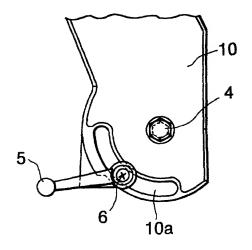


FIG. 9



Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al. CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 5 of 23

FIG. 10

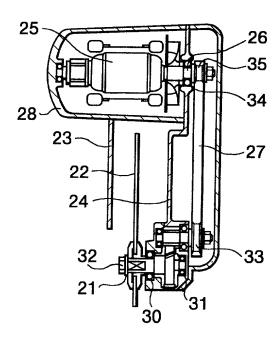
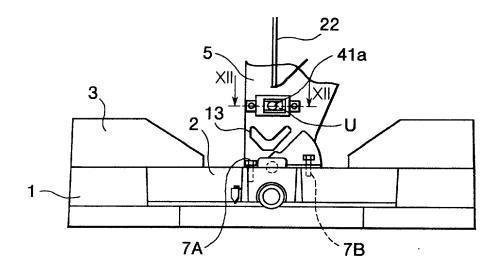
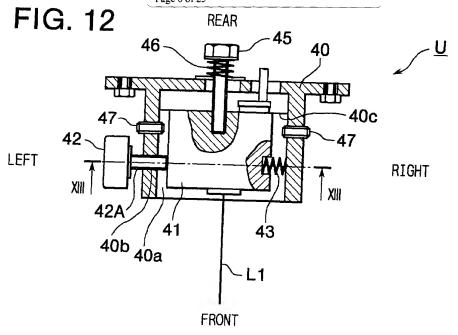
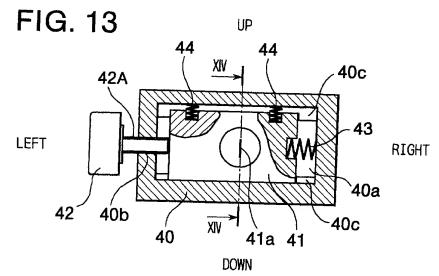


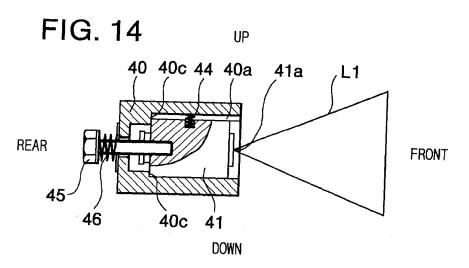
FIG. 11



Q65849 Filed: August 16, 2001
Shigeharu USHIWATA, et al.
CUTTER WITH LASER GENERATOR THAT
IRRADIATES CUTTING POSITION ON
WORKPIECE TO FACILITATE ALIGNMENT OF
BLADE WITH CUTTING POSITION
Page 6 of 23







Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al. CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 7 of 23

FIG. 15

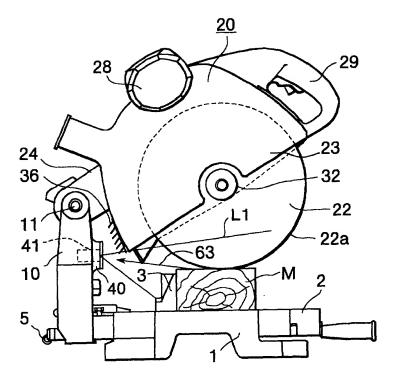
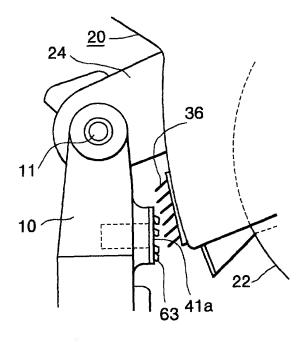


FIG. 16



Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al. CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 8 of 23

FIG. 17

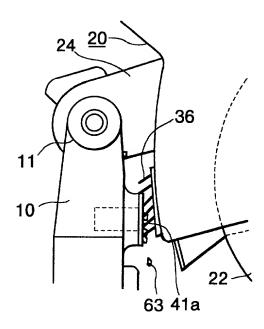
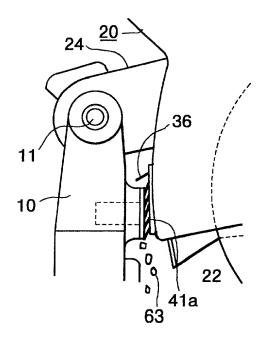


FIG. 18



Q65849 Filed: August 16, 2001
Shigeharu USHIWATA, et al.
CUTTER WITH LASER GENERATOR THAT
IRRADIATES CUTTING POSITION ON
WORKPIECE TO FACILITATE ALIGNMENT OF
BLADE WITH CUTTING POSITION
Page 9 of 23

FIG. 19

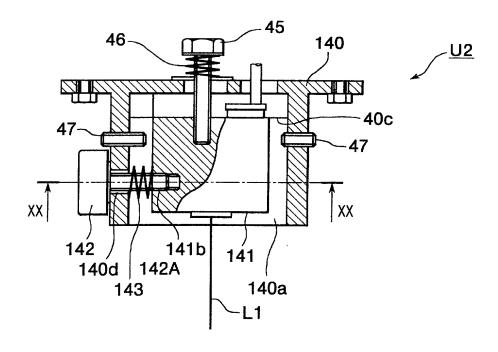
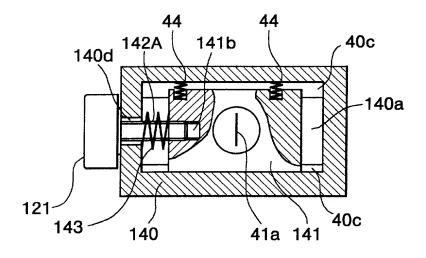


FIG. 20



Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al. CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 10 of 23

FIG. 21

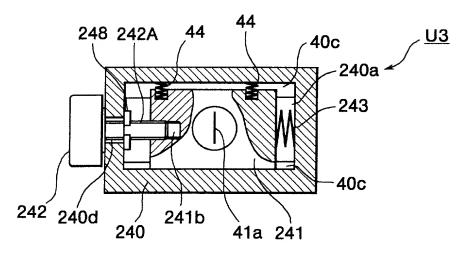


FIG. 22

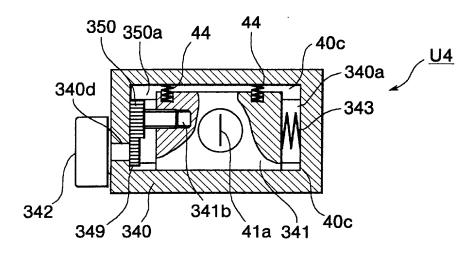
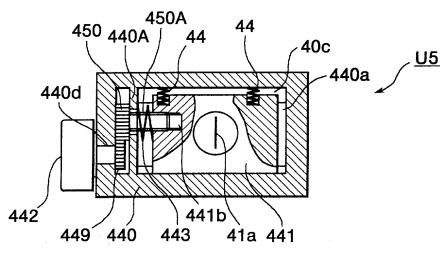


FIG. 23



Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al. CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 11 of 23

FIG. 24

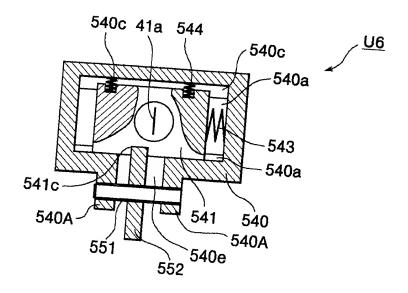
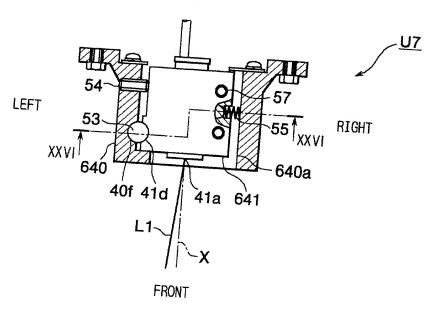


FIG. 25

REAR



Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al. CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 12 of 23

FIG. 26

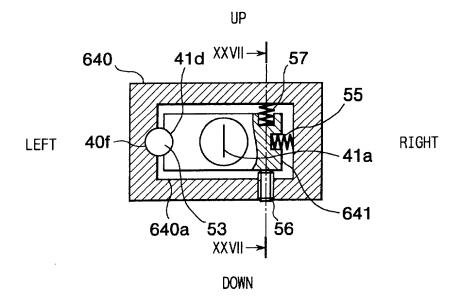
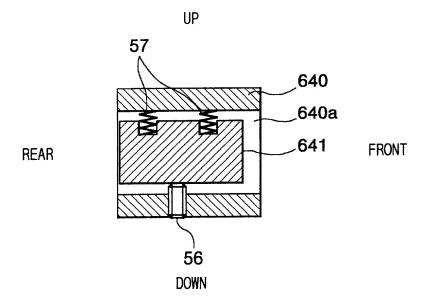


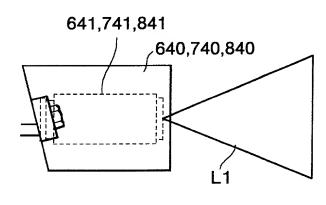
FIG. 27



Q65849 Filed: August 16, 2001
Shigeharu USHIWATA, et al.
CUTTER WITH LASER GENERATOR THAT
IRRADIATES CUTTING POSITION ON
WORKPIECE TO FACILITATE ALIGNMENT OF
BLADE WITH CUTTING POSITION
Page 13 of 23

FIG. 28(a)

FIG. 28(b)



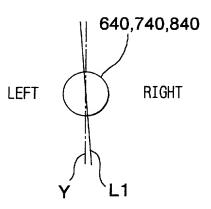
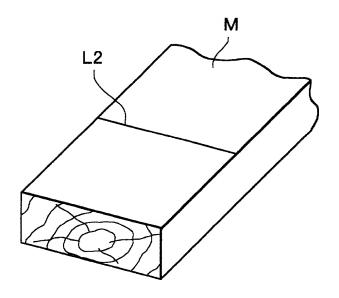


FIG. 29



Q65849 Filed: August 16, 2001
Shigeharu USHIWATA, et al.
CUTTER WITH LASER GENERATOR THAT
IRRADIATES CUTTING POSITION ON
WORKPIECE TO FACILITATE ALIGNMENT OF
BLADE WITH CUTTING POSITION
Page 14 of 23

## FIG. 30

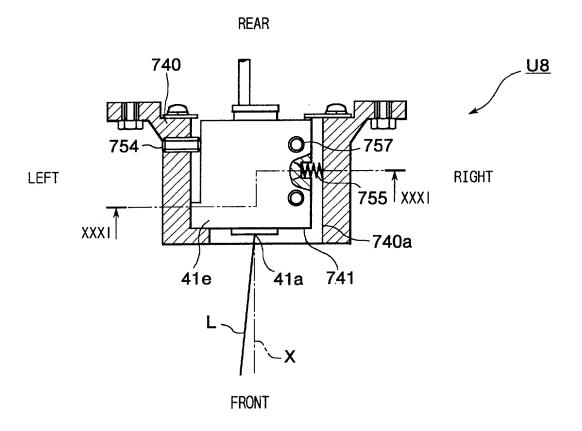
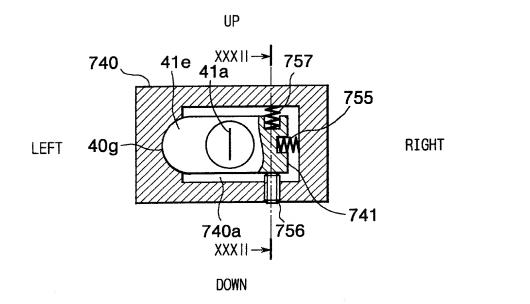


FIG. 31



Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al. CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 15 of 23

FIG. 32

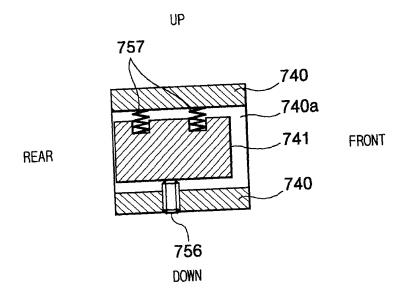
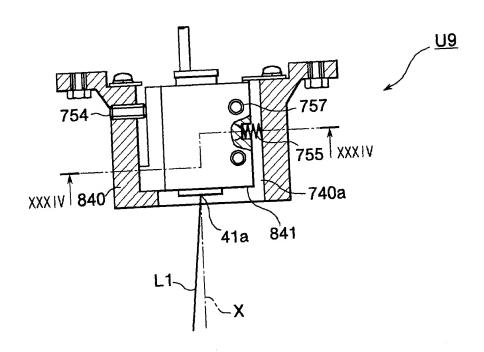


FIG. 33



Q65849 Filed: August 16, 2001
Shigeharu USHIWATA, et al.
CUTTER WITH LASER GENERATOR THAT
IRRADIATES CUTTING POSITION ON
WORKPIECE TO FACILITATE ALIGNMENT OF
BLADE WITH CUTTING POSITION
Page 16 of 23

FIG. 34

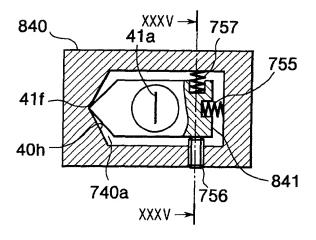
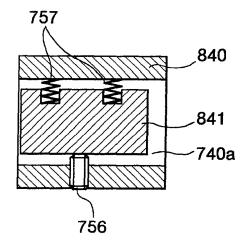


FIG. 35



Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al. CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 17 of 23

FIG. 36

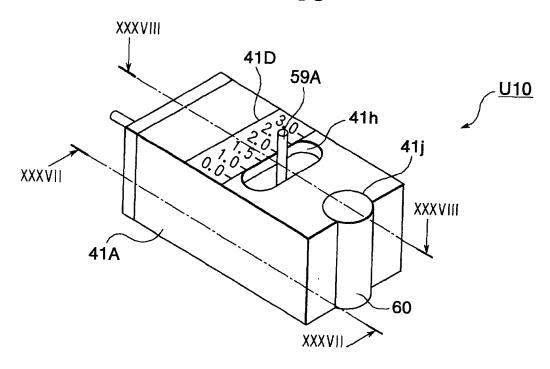
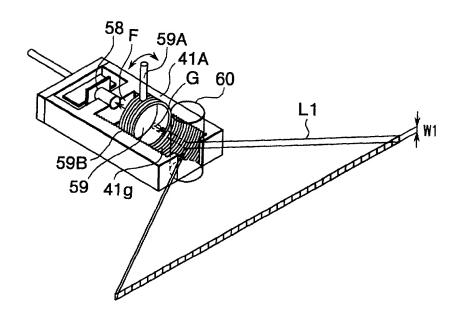


FIG. 37



Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al. CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 18 of 23

FIG. 38

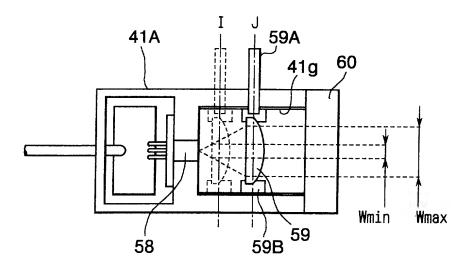
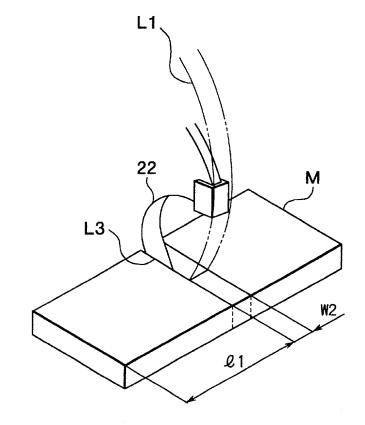


FIG. 39



Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al. CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 19 of 23

FIG. 40

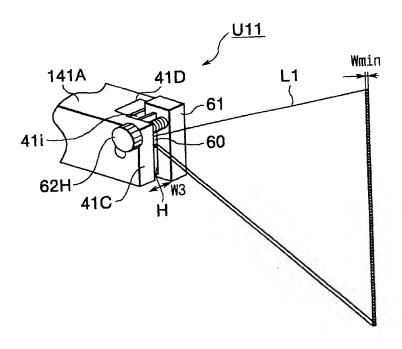
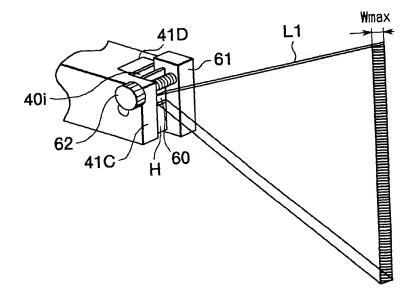
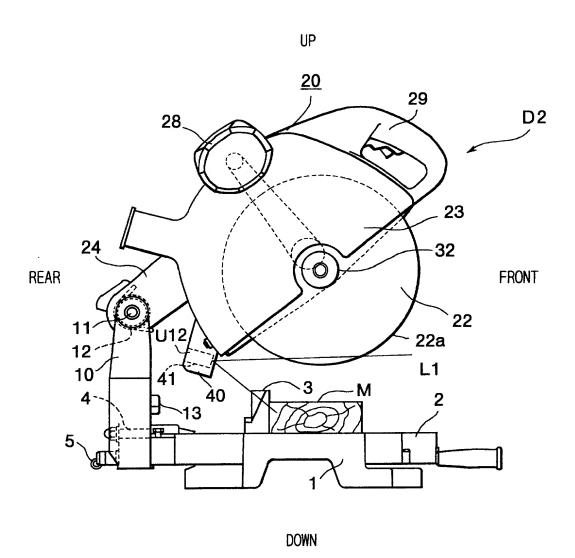


FIG. 41

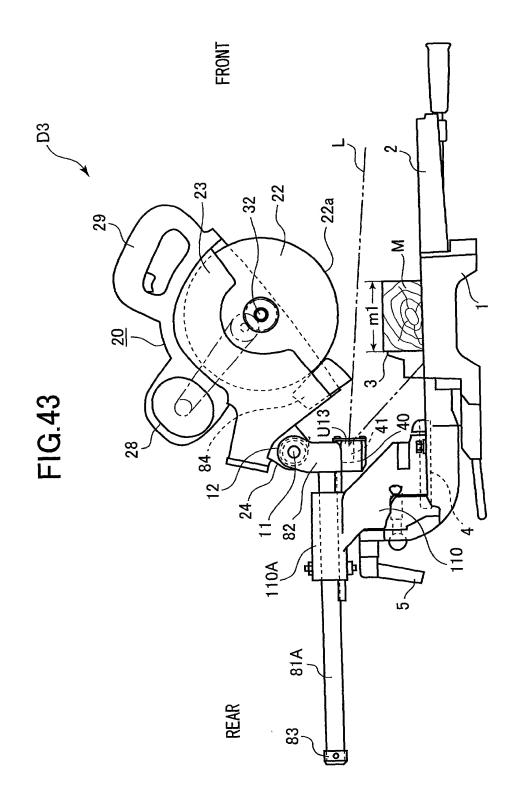


Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al. CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 20 of 23

FIG. 42

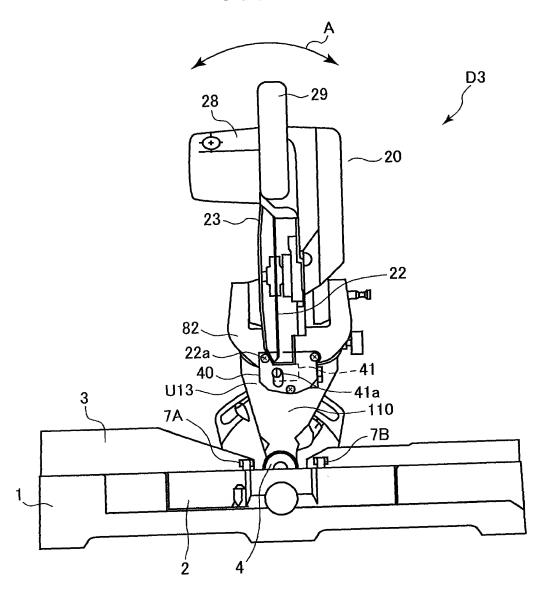


Q65849 Filed: August 16, 2001
Shigeharu USHIWATA, et al.
CUTTER WITH LASER GENERATOR THAT
IRRADIATES CUTTING POSITION ON
WORKPIECE TO FACILITATE ALIGNMENT OF
BLADE WITH CUTTING POSITION
Page 21 of 23



Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 22 of 23

**FIG.44** 



Q65849 Filed: August 16, 2001 Shigeharu USHIWATA, et al. CUTTER WITH LASER GENERATOR THAT IRRADIATES CUTTING POSITION ON WORKPIECE TO FACILITATE ALIGNMENT OF BLADE WITH CUTTING POSITION Page 23 of 23

**FIG.45** 

